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P Box 1450, Alexandria, VA 22313-1450.  
Dated: 12/4/2006 Signature: *Sandy Reisman*  
DEC 0 4 2006 SSB  
PATENT & TRADEMARK OFFICE

Docket No.: 313688001US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Benny H. Johnson

Application No.: 10/555,899

Confirmation No.: 4474

U.S. Filing Date: November 7, 2005

Art Unit: 1700

For: MICROELECTRONIC SUBSTRATES WITH  
THERMALLY CONDUCTIVE PATHWAYS  
AND METHODS OF MAKING SAME

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

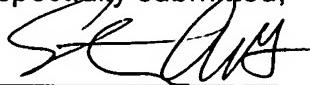
In response to the Notification of Missing Requirements mailed October 16, 2006, Applicant respectfully submits a Declaration, a Power of Attorney, an Application Data Sheet, and Part 2 Copy of Notice.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter

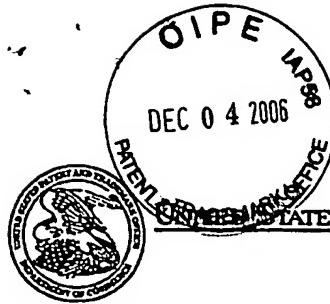
filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 313688001US1. A duplicate copy of this paper is enclosed.

Dated: Dec 3, 2006

Respectfully submitted,

By   
Stephen E. Arnett

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Attorney for Applicant



12-07-06

EXPRESS MAIL NO. EV881853365US

Page 1 of 2

**DOCKETED**

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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313688001US1  
SEA/SPK

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/555,899	Benjamin H. Johnson	313688001US1
RECEIVED PATENT DOCKETING OCT 19 2006 PERKINS COIE LLP		INTERNATIONAL APPLICATION NO. PCT/US04/14209 I.A. FILING DATE 05/07/2004 PRIORITY DATE
CONFIRMATION NO. 4474 371 FORMALITIES LETTER  *OC000000020846253*		

Date Mailed: 10/16/2006

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 11/07/2005
- Copy of the International Search Report filed on 11/07/2005
- Preliminary Amendments filed on 02/10/2006
- Information Disclosure Statements filed on 11/07/2005
- U.S. Basic National Fees filed on 11/07/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/555,899	PCT/US04/14209	313688001US1

FORM PCT/DO/EO/905 (371 Formalities Notice)